Official

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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Sub B1

1. (Currently Amended) A system for providing auxiliary data from a television receiver comprising:

a terminal for applying a data stream to the television receiver, the data stream including a television signal and the auxiliary data;

a controller internal to the television receiver which processes the data stream to extract the auxiliary data;

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at least one shared data device coupled to the television receiver;

a communications channel for coupling the television receiver to the at least one shared data device to transfer the auxiliary data from the controller to the at least one shared data device.

2. (Original) A system according to claim 1, wherein the television receiver is a set top box and the system further includes:

a display device;

an audio processor; and

a video processor;

wherein the controller extracts the television signal from the data stream, divides the data stream into separate audio and video components and provides the audio components to the audio processor and the video components to the video processor and, wherein the video processor provides processed video signals for display on the display device.

3. (Original) A system according to claim 2 further comprising a digital video tape recorder coupled to the television receiver.

4. (Currently Amended) A system according to claim 1, wherein ~~each~~ the at least one shared data device is at least one of a printer, a digital video tape recorder and a personal digital assistant.

5. (Original) A system for processing auxiliary data sent with a digital television signal comprising:

a television receiver for receiving and processing the digital television signal, to provide a processed television signal, and to provide the auxiliary data signal in accordance with a shared data device communications channel protocol;

said at least one shared data device;

a shared data device communications channel, that operates according to the shared data device communications channel protocol, for coupling the television receiver to the at least one shared data device; and

a display device for receiving and displaying the processed television signal.

6. (Original) A system according to claim 5, wherein the television receiver is a set top box.

7. (Original) A system according to claim 6 further comprising a digital video tape recorder coupled to the television receiver.

8. (Currently Amended) A system according to claim 5, wherein ~~each of~~ the at least one shared data device is selected from a group consisting of a further set top box, a printer, a digital video tape recorder, and a personal digital assistant.

9. (Currently Amended) A television receiver comprising:

a front end interface for receiving and processing a digital television signal and providing video and audio signals;

a remote control receiver for receiving an initialization signal and providing a control signal;

a video processing and decoding portion for receiving, processing, and decoding the video signal and providing an output video signal;

an audio processing and decoding portion for receiving, processing, and decoding the audio signal and providing an output ~~video~~ audio signal;

a controller for receiving the video, audio and initialization signals, and providing ~~formatted~~ data signals and further control signals;

an output interface portion coupled to a communication channel for receiving the output audio and video signals and for providing the output audio and video signals for presentation; and

a shared data decoder and formatter coupled to the controller for receiving the data signals and, responsive to the initialization signal, for formatting the data signal according to a predetermined format and for providing the formatted data signal in accordance with a communications channel protocol.

10. (Original) A television receiver in accordance with claim 9, wherein the television receiver is a set top box.

11. (Original) A television receiver in accordance with claim 9 further comprising at least one shared data device coupled to said shared data communications channel for receiving the formatted data signal in accordance with the communications channel protocol.

12. (Original) A television receiver in accordance with claim 9 further including a memory buffer coupled between the shared data decoder and formatter and the shared data communications channel.

13. (Currently Amended) A television receiver in accordance with claim 11 wherein ~~each~~ the at least one shared data device is at least one of ~~a set top box,~~ a printer, a digital video tape recorder, and a personal digital assistant.

14. (Original) A method for transferring auxiliary data from a television receiver to shared data device comprising the acts of:

a) receiving an initialization signal;

b) decoding the initialization signal to determine a type of shared data device to receive the auxiliary data;

c) acquiring a page of the auxiliary data;

d) formatting the page of auxiliary data in accordance with requirements of the type of shared data device; and

e) transferring said page of data to said shared data device.

15. (Original) The method according to claim 14, wherein acts c) through e)are repeated for each page of auxiliary data to be transferred.

16. (Currently Amended) The method according to claim 14, wherein the act of transferring said page of auxiliary data to said shared data device further includes the act of transferring said page of data according to a protocol suitable for one of ~~a set top box,~~ a printer, a digital video tape recorder, and a personal digital assistant.